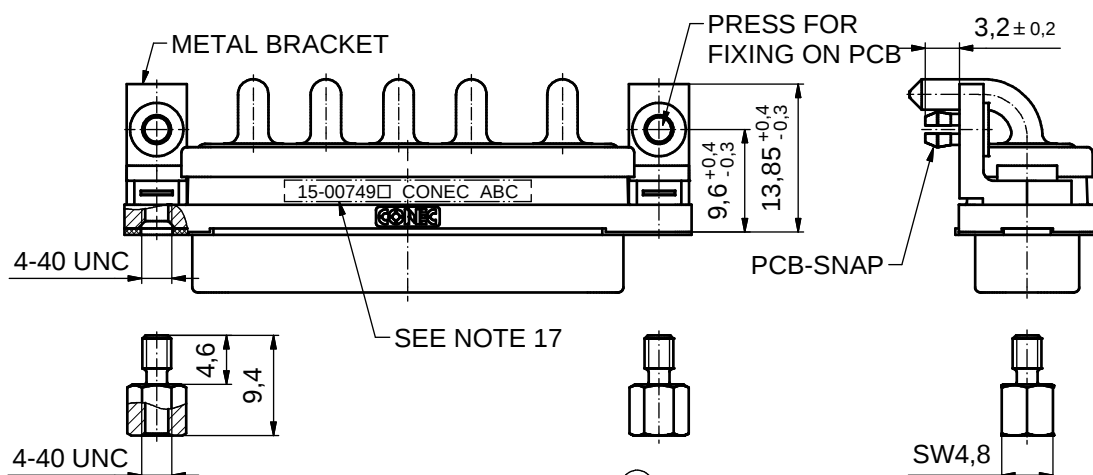
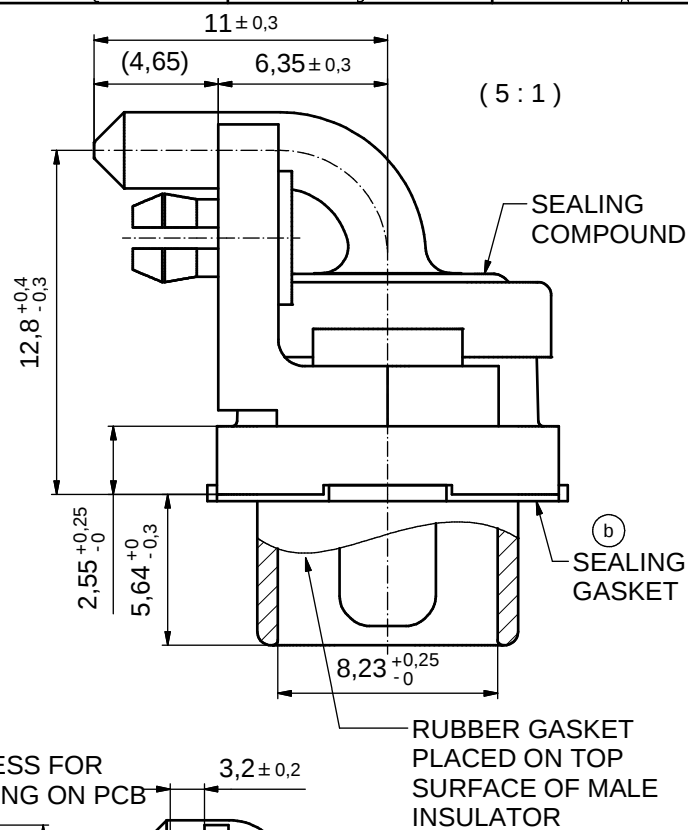
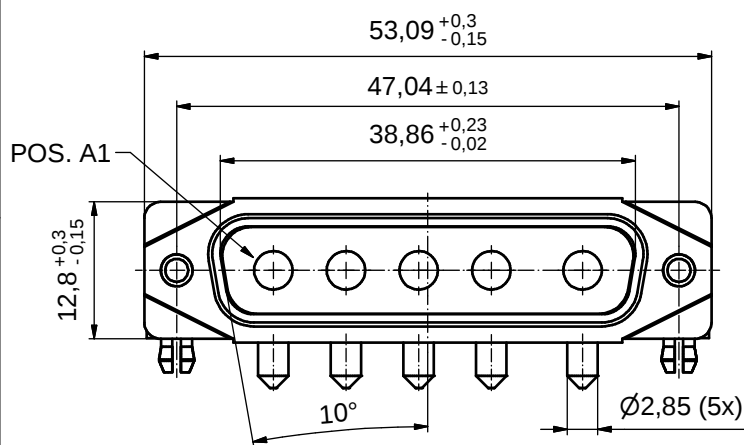
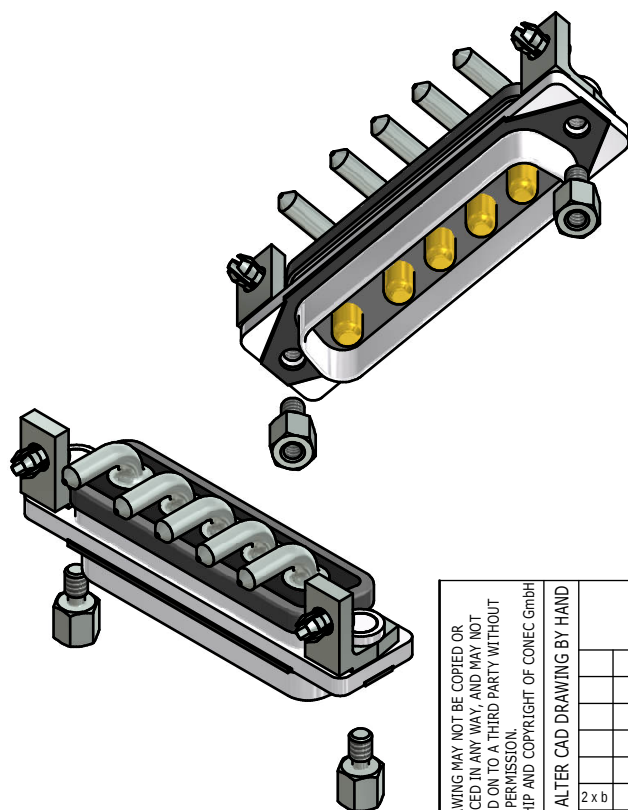


AT ALL TIMES WATER RESISTANT CONNECTORS NOT IN USE SHOULD BE COVERED WITH A CONEC WATER RESISTANT CAP OR WATER TIGHT HOOD.



**NOTES:**

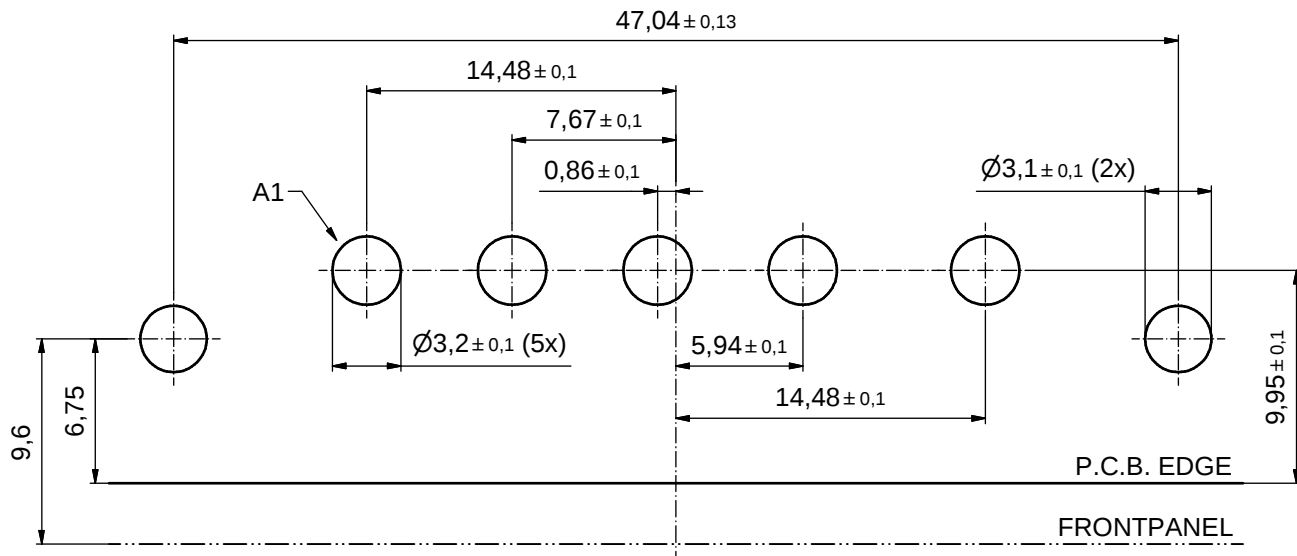
1. FOR WAVESOLDERING (SOLDER BATH TEMPERATURE 265°C FOR 8 SEC. AND SOLDER PREHEAT 150°C FOR 180 SEC.)
2. IP RATING: IP 67
3. SEALED TO WITHSTAND PRESSURE UP TO 1,45 PSI FOR 30 MINUTES AFTER SOLDERING
4. METAL SHELL: ZINC DIE CAST; min. 50µin NICKEL PLATING over COPPER
5. INSULATOR: PBT GF UL 94 V-0
6. EXTENSION: HIGH TEMPERATURE PLASTIC UL 94-V0
7. SEALING GASKET: SILICONE
8. SEALING COMPOUND: EPOXY
9. RUBBER GASKET: TPE
10. HIGH POWER CONTACTS 20A: COPPER ALLOY PLATING, MATING SIDE (SEE PART NO.):  
☐ PLEASE ADD 1 for 30µin HARD GOLD over min. 50µin NICKEL  
☐ PLEASE ADD 3 for GOLD FLASH over NICKEL  
 PLATING, TERMINATION SIDE: 160-240µin TIN over min. 80µin NICKEL
11. METAL BRACKETS: ZINC DIE CAST; 300µin COPPER/40-120µin NICKEL/120-200µin TIN
12. WASHERS: COPPER ALLOY; 80µin NICKEL
13. PCB-SNAPS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL  
 PCB-HOLE: Ø3.1 ± 0.1; PCB THICKNESS 1.6mm
14. HEXLOCKING SCREWS: STAINLESS STEEL
15. P.C.B. HOLE DRILLINGS and RECOMMENDED PANEL CUT-OUT ON SHEET 2
16. RECOMMENDED TORQUE FOR MOUNTING SCREW  
 35Ncm (3.1 in.LB) / max. 67Ncm (6 in.LB)
17. CONNECTOR IS PART MARKED: 15-00749 CONEC ABC (see note 10)



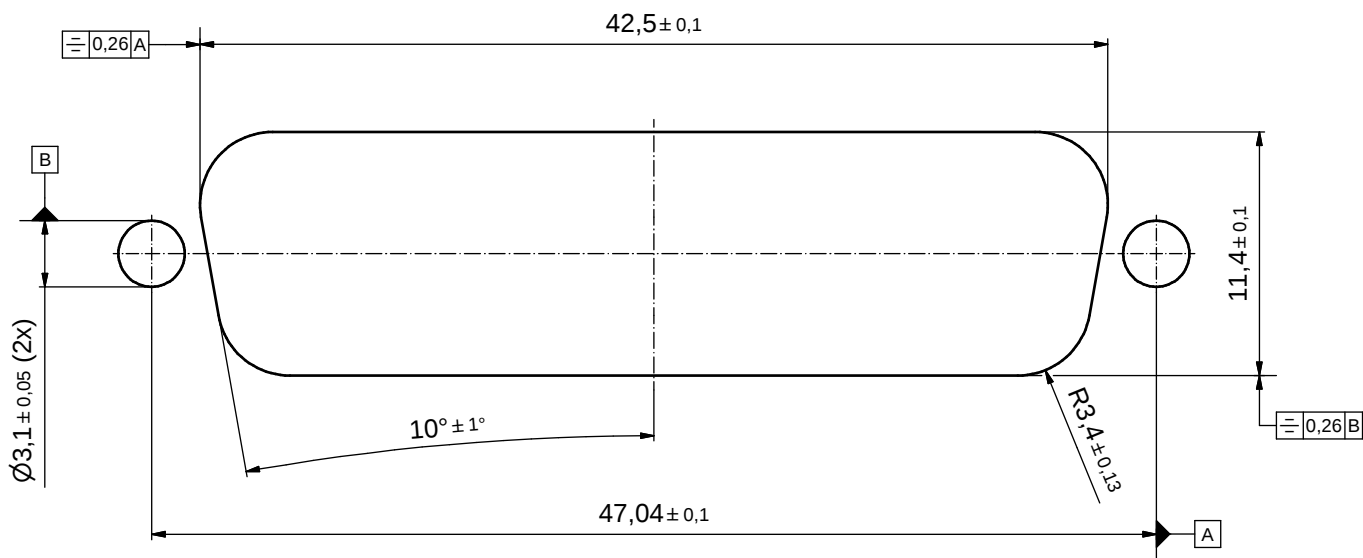
RoHS compliant

|                                                                                                                                                                      |                                  |             |            |           |                                                                                      |              |                                                                                                                    |                     |        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------|------------|-----------|--------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------|---------------------|--------|
| THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH | DO NOT ALTER CAD DRAWING BY HAND |             |            | tolerance |                                                                                      |              | <br>dim. in mm                | scale: 2:1 (5:1)    |        |
|                                                                                                                                                                      |                                  |             |            |           |                                                                                      |              |                                                                                                                    | material: SEE NOTES |        |
|                                                                                                                                                                      |                                  |             |            |           | date                                                                                 | name         | title:<br>D-SUB COMBINATION MALE 90°<br>5W5P SOLDER PIN ANGLED<br>with closed 4-40 UNC thread, metal bracket, snap |                     |        |
|                                                                                                                                                                      |                                  |             |            |           | drawn 18.09.15                                                                       | Lehmenkühler |                                                                                                                    |                     |        |
|                                                                                                                                                                      |                                  |             |            |           | appd. 21.09.15                                                                       | Fischer      |                                                                                                                    |                     |        |
|                                                                                                                                                                      |                                  |             |            |           | norm                                                                                 |              |                                                                                                                    |                     |        |
|                                                                                                                                                                      |                                  |             |            |           | d-old                                                                                |              | dwg no:<br><br>15K1A1698                                                                                           |                     |        |
|                                                                                                                                                                      | 2 x b                            | Ä6417       | 04.04.2017 | Unkrüger  |  |              |                                                                                                                    |                     | DIN-A3 |
|                                                                                                                                                                      | a                                | Original    |            |           |                                                                                      |              |                                                                                                                    |                     |        |
|                                                                                                                                                                      | rev.                             | description | date       | name      | part no: 15-00749□ (see note 10)                                                     |              |                                                                                                                    |                     |        |

# P.C.B. HOLE DRILLINGS (P.C.B. TOP SIDE)



## RECOMMENDED PANEL CUT-OUT



|                                                                                                                                                                      |                                  |             |      |      |                                                                                      |          |                                                                                                     |                                                                                                            |                 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------|------|------|--------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------|--|
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|                                                                                                                                                                      |                                  |             |      |      |                                                                                      |          |                                                                                                     | material:                                                                                                  | SEE SHEET 1     |  |
|                                                                                                                                                                      |                                  |             |      |      |                                                                                      | date     | name                                                                                                | title:<br><br>P.C.B. HOLE DRILLINGS<br>RECOMMENDED PANEL CUT-OUT<br>D-SUB COMBINATION MALE 90° 5W5P ANGLED |                 |  |
|                                                                                                                                                                      |                                  |             |      |      | drawn                                                                                | 18.09.15 | Lehmenkühler                                                                                        |                                                                                                            |                 |  |
|                                                                                                                                                                      |                                  |             |      |      | appd.                                                                                | 21.09.15 | Fischer                                                                                             |                                                                                                            |                 |  |
|                                                                                                                                                                      |                                  |             |      |      | norm                                                                                 |          |                                                                                                     |                                                                                                            |                 |  |
|                                                                                                                                                                      |                                  |             |      |      | d-old                                                                                |          | dwg no:                                                                                             |                                                                                                            | DIN-A3<br>sh: 2 |  |
|                                                                                                                                                                      |                                  |             |      |      |  |          | 15K1A1698                                                                                           |                                                                                                            |                 |  |
|                                                                                                                                                                      | a                                | Original    |      |      |                                                                                      |          | part no:                                                                                            |                                                                                                            | SEE SHEET 1     |  |
|                                                                                                                                                                      | rev.                             | description | date | name |                                                                                      |          |                                                                                                     |                                                                                                            |                 |  |